

What is claimed is:

1. A rotating cultivation system for holding a plurality of trays enabling the movement of each tray to specific location, said system is comprised of :
 - a. a main wheel assembly having a rotating mechanism at the central axis controlled by a motor and at least two frames having supporting spokes projecting from the central axis wherein each spoke holds a tray.
2. The system of claim 1 further comprising of secondary wheel assemblies each having a central axis and at least two frames of spokes extending from the secondary axis wherein each spoke holds a tray.
3. The system of claim 2 wherein the central axes of the secondary wheel assemblies are located at the edges of the main wheel assembly supporting spokes and the rotation of the secondary wheel assemblies is independent of the main wheel assembly rotation.
4. The cultivation system of claim 3 wherein the rotation of all secondary wheel assemblies is controlled by a central rotating mechanism which includes a second motor and a gear assembly enabling the rotation of all secondary wheel assemblies simultaneously.
5. The cultivation system of claim 4 wherein the gear assembly is mounted on the same axis of the main wheel assembly utilizing ball bearings for differentiating the movement of the gear assembly from the movement of the main wheel assembly.

6. The cultivation system of claim 3 wherein the central rotating mechanism transfers the rotational movement through gears and shafts wherein a main gear rotates respective small gears and each small gear transfers the motion to a respective secondary wheel assembly through the shaft rotation.
7. The cultivation system of claim 3 wherein the central rotating mechanism transfers the rotational movement through gears and chains wherein a main gear rotates respective small gears and each small gear transfers the motion to a respective secondary wheel assembly through the chain movement.
8. The cultivation system of claim 3 wherein the rotation of each secondary wheel assembly is controlled by a single rotating mechanism which includes a second motor and a gear.
9. The cultivation system of claim 2 wherein the main wheel assembly is comprised of an external wheel and an inner wheel, each driven by a separate motor, wherein the external wheel rotates on bearing which are positioned on a stand and the two sides of the inner wheel rotate in opposite directions, each side causing the rotation of three un-successive secondary wheels on their axes.
10. The cultivation system of claim 2 wherein the secondary wheels are shaped as big cogwheels positioned in proximity to one another for enabling one of the secondary wheel to rotate all other secondary wheels.
11. The cultivation system of claim 1 wherein the trays contain cultivation beds for growing mushrooms.

12. The cultivation system of claim 1 wherein the trays contain cultivation beds for growing agricultural products.
13. The cultivation system of claim 2 wherein adjacent secondary wheel assemblies rotate in opposite directions in synchronization.
14. The cultivation system of claim 2 wherein the main and secondary assemblies are elevated by a stand consisting of two triangular frames.
15. The cultivation system of claim 8, wherein the motors are located on the triangular stand.